FORM PTO-1449 (REV.7-80) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
210121.455C21
APPLICANTS

APPLICATION NO. 10/775,972

SUPPLEMENTAL

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Robert A. Henderson et al.

FILING DATE

GROUP ART UNIT

February 10, 2004

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Basis of Therapeutics, 9th Edition, McGraw-Hill, New York, 1996, pgs. 77-101.									_	·		
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Y	IL	Gerhold and 18(12):973-9		s the genes	! EST access to human	genome	content," B	ioEssa	ys			
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Up	ıc	_	•	•	s," Immunology Today						
	αι				nd transmembrane struc					an	
	"	lung, trachea	, and mamm	ary gland,	' Am. J. Physiol. 276(C	ell Phy	ysiol	45):C126	1-C12	70. l	
		1999.									
	JE	Guo et al., "I	Guo et al., "Identification and characterization of homologues of the Exocyst component								
		Sec10p," FE	Sec10p," FEBS Letters 404(2-3):135-139, 1997.								
	JF	1	Gura, T., "System for Identifying New Drugs Are Often Faulty," Science 278: 1041-1042,								
		- 	November 7, 1997. Güre, A.O. et al., "Human Lung Cancer Antigens Recognized by Autologous Antibodies:								
	1C	i I .		_	-	-		_			
					ed from the Tumor Supp	pressor	r,	ancer Kes	earcn .	98:	
			1034-1041, March 1, 1998. Hara et al., "Characterization of cell phenotype by a novel cDNA library subtraction system:								
	JH	l 1								, stein.	
		-	expression of CD8α in a mast cell-derived interleukin-4-dependent cell line," Blood 84(1):189-199, July 1, 1994.								
					lung tumor antigens for	cance	r im	munothers	anv:		
	JI	1			paches," Immunological					May	
		2000.		outur uppro	, addied, 1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	111103	•••	27(2).	.0,)1,	1414	
	ננ		"The peptid	le recognize	ed by HLA-A68.2-restr	icted,	squa	mous cell	carcin	oma	
	"	1	Hogan et al., "The peptide recognized by HLA-A68.2-restricted, squamous cell carcinoma of the lung-specific cytotoxic T lymphocytes is derived from a mutated elongation factor 2								
		1			4-5150, November 15,			Ū			
	JK				ein, spr1: specific mark			mous lun	g		
2		carcinoma,"					•		_		
	ΊL	Jolly, D., "Vi	iral vector sy	ystems for	gene therapy," Cancer	Gene T	There	<i>apy 1</i> (1):5	1-64, 1	994.	
EXAMINI	ER	104			DATE CONSIDERED	7	1/-:	7.05			
* EXAMIN		Initial if reference consider	red, whether or no	t criteria is in co	nformance with MPEP 609. Draw	line thro					
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		кс	Kaye, F.J. et	al. "A single	e amino ac	id substitution results ir	a retino	oblastoma pr	otein				
_	ا ۸		defective in p	defective in phosphorylation and oncoprotein binding," Proc. Natl. Acad. Sci. USA 87:									
	Ψ			6922-6926, September 1990.									
		KD	Lee, K-H. et	Lee, K-H. et al., "Increased Vaccine-Specific T Cell Frequency After Peptide-Based									
		ΚD		Vaccination Correlates with Increased Susceptibility to In Vitro Stimulation But Does Not									
	1 1		1										
		KE		Lead to Tumor Regression," <i>The Journal of Immunology 163</i> : 6292-6300, 1999. Lelievre et al., "Structural properties of chimeric peptides containing a T-cell epitope linked									
		K.C.				ance for in vivo induction		•	•				
			European Jo	urnal of Bio	iochemistry 249(3):895-904, 1997.								
		KF	Marshall and	Hodgson, "	DNA chip	s: an array of possibiliti	es," Na	ture Biotechr	ology 16:27-				
			31, January 1	998.				_					
		KG	Marusawa, H	Marusawa, H. et al., "HBXIP functions as a cofactor of surviving in apoptosis suppression,"									
			EMBO Journ					• •	,				
		КН	Müeller-Pilla	Müeller-Pillasch, F. et al., "Cloning of a gene highly overexpressed in cancer coding for a									
		10.1		novel KH-domain containing protein," Oncogene 14: 2729-2733, 1997.									
		KI	New England	l Biolabs we	ebsite, Des	cription on the pCyB Ex	kpressio	n Vectors:					
						act2.html, (2001)							
		ĸJ]		-	lin-Like Growth Factor		U					
			Represses Tr	Represses Translation in Late Development," Molecular and Cellular Biology 19(2): 1262-									
	1270, February 1999.												
		κĸ	Pastor et al.,	Pastor et al., "Diagnostic value of SCC, CEA and CYFRA 21.1 in lung cancer: a Bayesian									
			analysis," Eu	r. Respir J.	<i>10</i> (3):603-	609, March 1997.							
U	,	KL	Radoja and F	rey, "Cance	r-induced l	Defective Cytotoxic T I	ympho	cyte Effector	Function:				
						c Tumors Escape Immu	-	-					
	<u>ا</u>		Medicine 6(6		_			.					
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	ιc	Rammensee	et al., "MHC	C ligands a	nd peptide motifs: first	listing,	" Immunogen	etics 41:1	78-			
Y	"	228, 1995.	·	J	F-F montain montaine, immunogenemes 41.170-							
	LD	Ramsay, G.,	Ramsay, G., "DNA chips: state-of-the art," Nature Biotechnology 16:40-44, January 1998.									
	LE		Rudinger, J., "Characteristics of the amino acids as components of a peptide hormone									
		_	sequence," in Peptide Hormones, Parsons, J.A. (ed.), University Park Press, Baltimore MD,									
			June 1976, pgs. 1-7									
	LF	Ruppert et al	Ruppert et al., "Prominent role of secondary anchor residues in peptide binding to HLA-									
		A2.1 molecu	A2.1 molecules," Cell 74:929-937, September 10, 1993.									
	LG	Russell and I	Russell and Barton, "Structural features can be unconserved in proteins with similar folds,"									
		J. Mol. Biol.	J. Mol. Biol. 244:332-350, 1994.									
	LH	Sherman et a	Sherman et al., "Selecting T cell receptors with high affinity for self-MHC by decreasing the									
		contribution	contribution of CD8," Science 258:815-818, October 30, 1992.									
	u	Sjölander, A	et al., "Kin	etics, local	ization and cytokine pro	ofile of	T cell respon	ses to				
	-				•							
			immune stimulating complexes (iscoms) containing human influenza virus envelope glycoproteins," <i>Vaccine 15</i> (9): 1030-1038, 1997.									
	.				and immunological eva	luation	of two nutati	ve secret	ed			
	IJ				cterium tuberculosis," I		_		~			
	,	67(8):3998-4	_	•	oterram taborearosis, 1	ijeeno	n ana mmani	•9				
					to protein structure and	6.matic		liantiana	-£			
	LK				-							
4			ai approache	s in the ge	nomic era," Trends in B	iotecni	nology 18: 34	-39, Janu	ary			
(11		2000.										
	LL	Spitler, L.E., 1995.	"Cancer Va	ccines: Th	ne Interferon Analogy,"	Cance	r Biotherapy	<i>10</i> (1): 1-3	3,			
EXAMINE	R	1393.	01	,	DATE CONSIDERED		0 1	1 .				
* EVALADI	CD.		4				1-7	195				
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· · · /					es on proteins," Trends		otec	hnolom 0.	163-1	60		
W	МС	May 1991.	i redicting a	inigome sit	es on proteins, Trenus	in Di	lotechnology 7. 103-107,					
			l "Tarnetii	na n53 ac a	general tumor antigen	" Pro	a N	atl Acad S	Cai 110	,,		
ľ	MD		Theobald et al., "Targeting p53 as a general tumor antigen," <i>Proc. Natl. Acad. Sci. USA</i> 92:11993-11997, December 1995.									
 					2-11 Vi f C	T		41	4	-		
	ME		-	Denantic C	Cell Vaccines for Cance	r mm	nuno	inerapy," A	innu. I	rev.		
			Med. 50: 507-529, 1999. Visseren et al., "Identification of HLA-A *0201-restricted CTL epitopes encoded by the									
Ì	MF	j					-	•	•	i		
		· -	tumor-specific MAGE-2 gene product," International Journal of Cancer 73(1):125-130,									
			1997.									
	мG	_		_	differentially over-exp							
		•	_		NA subtraction and mid	croarr	ay aı	nalysis," O	Oncogene			
		<i>19</i> (12):1519-	1528, Marc	h 16, 2000.								
- 1	Wells and Peitsch, "The chemokine information source: identification and characterize								acteriz	ation		
1		of novel cher	nokines usii	ng the Wor	ldWideWeb and expres	sed se	eque	nce tag dat	abases	s,"		
		Journal of Le	eukocyte Bio	ology 61:54	5-550, May 1997.							
	мі	Wong, C.P.	Wong, C.P. et al., "TCR Vaccines Against T Cell Lymphoma: QS-21 and IL-12 Adjuva									
	,				sponse," The Journal o							
		1999.			•	-		_				
	M.	- 	solation of t	yrosinase-s	pecific CD8 ⁺ and CD4 ⁺	T ce	ll clo	nes from t	he ner	ipheral		
	MJ		Yee et al., "Isolation of tyrosinase-specific CD8 ⁺ and CD4 ⁺ T cell clones from the per blood of melanoma patients following in vitro stimulation with recombinant vaccinia									
رلم ا					79-4086, 1996.					,,, i		
<u> </u>					n with Peptide Epitope	(n360	1.377) from HE	R-2/m			
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